

ABSTRACT

The present invention relates to peptides and peptide analogues designed from HFE protein. In particular, it relates to peptides and peptide analogues designed from an alpha-1
5 region of HFE protein which lowers the binding affinity of transferrin receptor for
transferrin. Such compounds mimic HFE protein function, and reduce iron uptake and/or
accumulation by a cell.

10

15

20

25

30

35